

FIG 1

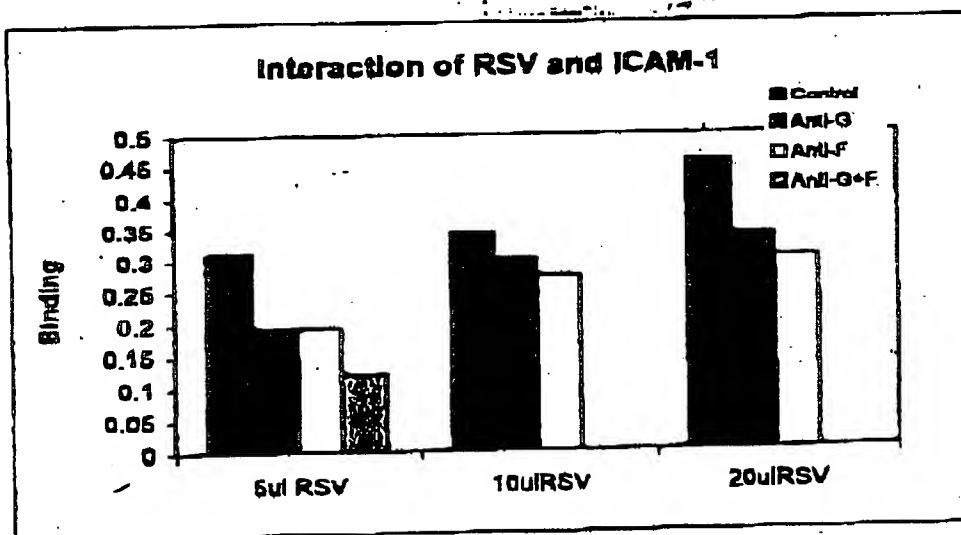
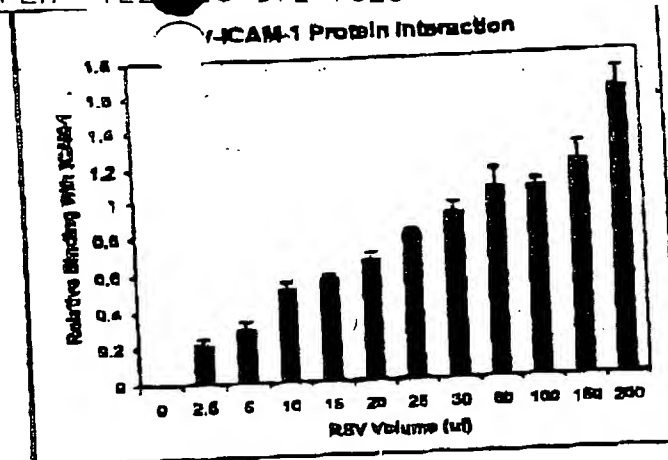


FIG 2

### Example 5. Demonstration of direct interaction between RSV and ICAM-1 using ELISA.

(A) The wells were coated with soluble ICAM-1 and incubated with increasing concentrations of RSV. After washing, the wells were incubated with an anti-RSV antibody. After washing of the wells, they were incubated with the corresponding second antibodies conjugated with alkaline phosphatase. The ELISA reactions were developed, read by ELISA reader and plotted. Results showed that increasing concentrations of RSV exhibited increasing OD values (binding). (B) The and RSV-G pr wells were coated with soluble ICAM-1 were incubated with increasing concentrations of RSV (5, 15 and 25 ul). The RSV was then incubated with monoclonal antibodies to RSV-F protein and with combination of antibodies to both F and G proteins for 1 hour. The interaction product was then incubated with ICAM-1 as in 'A'. After washing of the wells, they were incubated with the corresponding second antibodies conjugated with alkaline phosphatase. The ELISA reactions were developed, read by ELISA reader and plotted. The results showed that RSV may interact with ICAM-1 by its G and/or F proteins.

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**B.**



C.

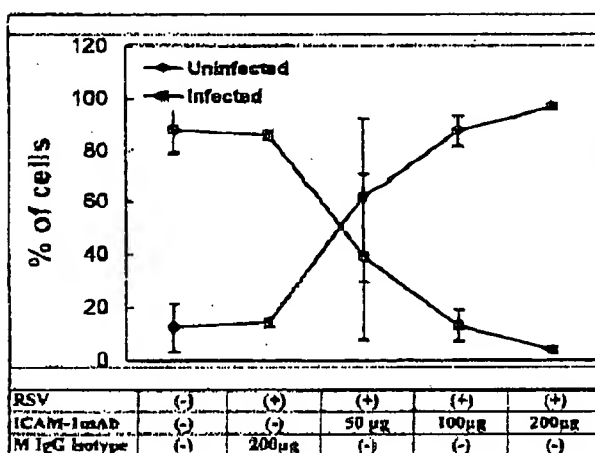
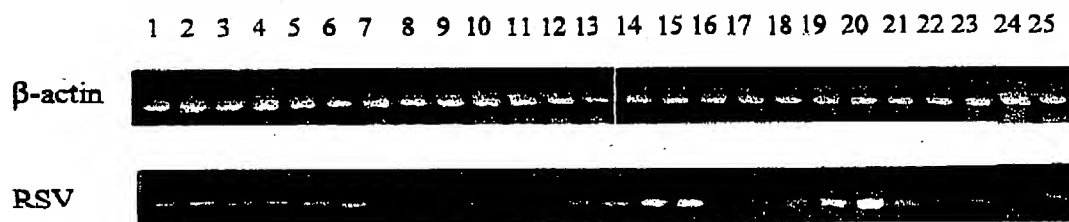


Fig 5

Wild type C57Bl/6



ICAM-1 deficient C57Bl/6

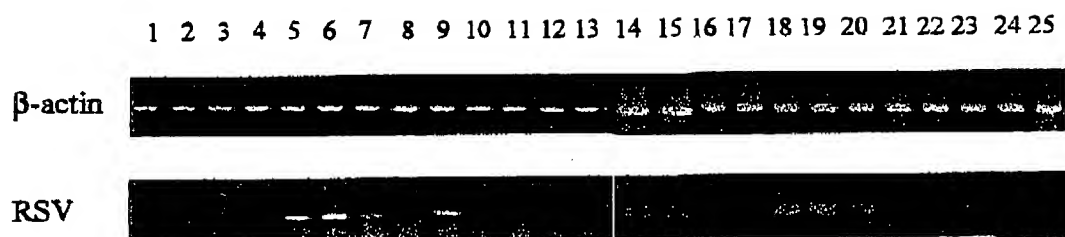


Fig 4.

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